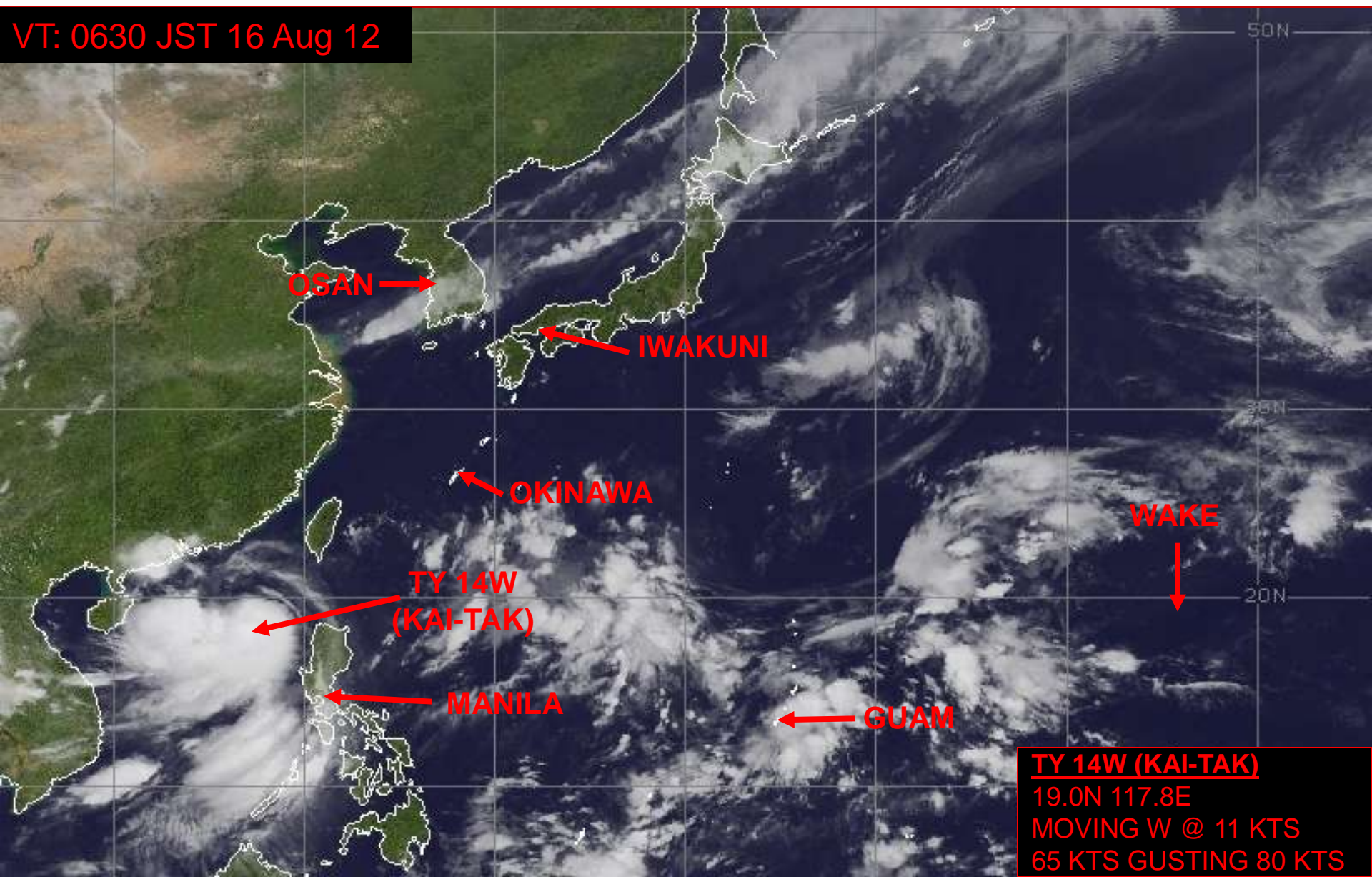




# AOR SATELLITE IMAGERY

VT: 0630 JST 16 Aug 12



**TY 14W (KAI-TAK)**

19.0N 117.8E

MOVING W @ 11 KTS

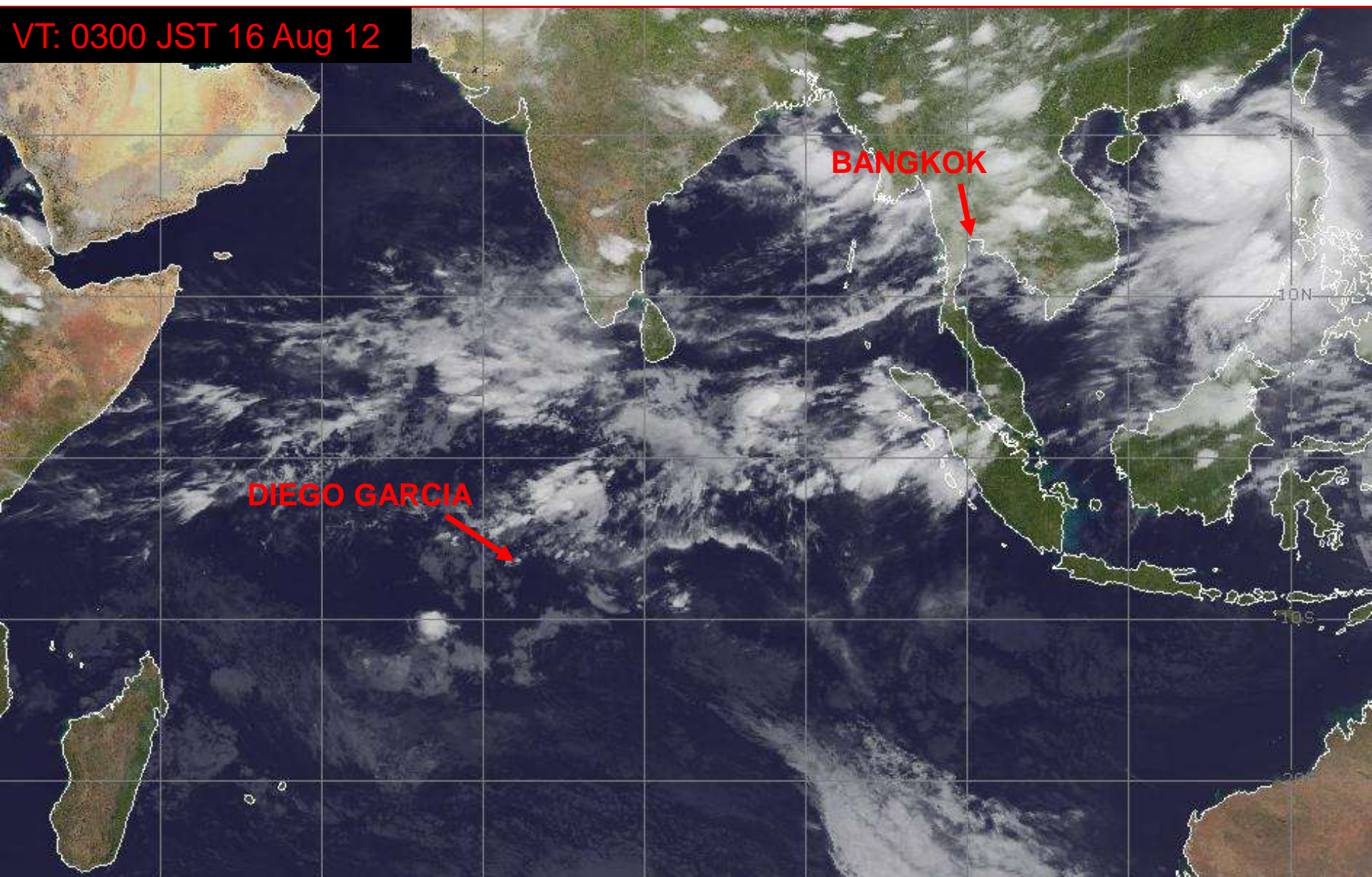
65 KTS GUSTING 80 KTS





# AOR SATELLITE IMAGERY

VT: 0300 JST 16 Aug 12





Okinawa is influenced by a ridge of high pressure; however, moisture advected by the outflow of Typhoon 14W (Kai-Tak) will produce mostly cloudy skies, rain showers and isolated thunderstorms in the afternoon. Mainland Japan and Korea are influenced by low pressure and will experience mostly cloudy skies, rain showers, and isolated thunderstorms. The Philippines are dominated by the Southwest Monsoon, which is still influenced by Typhoon 14W (Kai-Tak), expect strong winds, scattered thunderstorms, rain showers, and flooding.

**Current Weather Warnings or Advisories (as set by MCAS Futenma METOC)**









[illegible]

C=Ceiling V=Visibility P=Precipitation W=Wind VC=Vicinity TS=Thunderstorm T=Temp





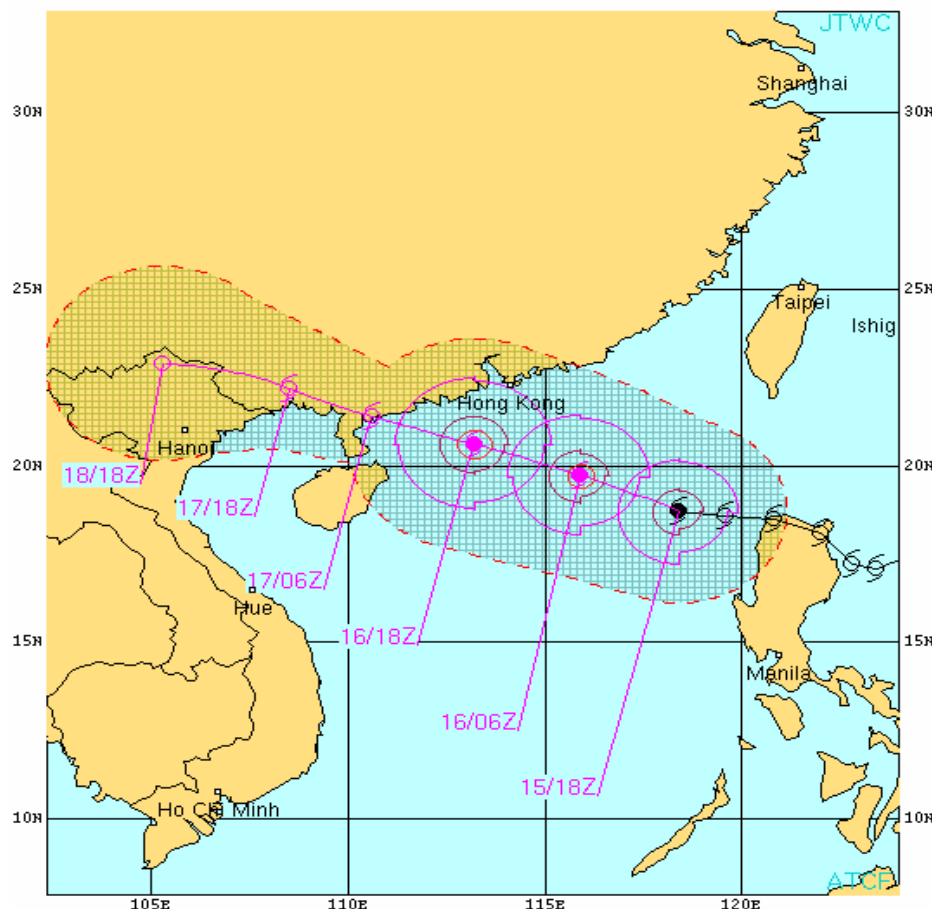
The Southwest Monsoon will be strengthened by Typhoon 14W (Kai-Tak) and will continue to be the dominant feature influencing the weather through the next 36 hours. Expect rain showers and thunderstorms to prevail through the forecast period. As rain continues to affect the already saturated and flooded areas near Manila, the threat of flash flooding and mudslides for Manila and Luzon will continue.

|                                  |  | THURSDAY 16 AUG   |       |       |       | FRIDAY 17 AUG  |       |       |       | SATURDAY 18 AUG   |       |       |       | SUNDAY 19 AUG   |       |       |       |
|----------------------------------|--|---|-------|-------|-------|--|-------|-------|-------|---|-------|-------|-------|---|-------|-------|-------|
| SKY CONDITION                    |  |   |       |       |       |   |       |       |       |   |       |       |       |   |       |       |       |
| VISIBILITY/<br>WEATHER           |  | 2-4 SM RAIN SHOWERS<br>AND T-STORMS   |       |       |       | 4-6 SM RAIN SHOWERS<br>AND T-STORMS  |       |       |       | 4-6 SM RAIN SHOWERS<br>AND T-STORMS   |       |       |       | 4-6 SM RAIN SHOWERS<br>AND T-STORMS   |       |       |       |
| WIND                             |  | SW 08-10KT  |       |       |       | SW 08-10KT   |       |       |       | SW 08-10KT  |       |       |       | NW 06-08KT  |       |       |       |
| TEMPERATURE                      |  | 86°F / 75°F   |       |       |       | 88°F / 76°F  |       |       |       | 90°F / 77°F   |       |       |       | 90°F / 77°F   |       |       |       |
| IMPACTS                          |  | 00-06   | 06-12 | 12-18 | 18-00 | 00-06  | 06-12 | 12-18 | 18-00 | 00-06   | 06-12 | 12-18 | 18-00 | 00-06   | 06-12 | 12-18 | 18-00 |
| AIR OPS                          |  | TS  |       | TS    |       | TS   |       | TS    |       | TS  |       | TS    |       | TS  |       | TS    |       |
| PERSONNEL                        |  | TS  |       | TS    |       | TS   |       | TS    |       | TS  |       | TS    |       | TS  |       | TS    |       |
| SEA CONDITION                    |  |   |       |       |       |  |       |       |       |   |       |       |       |   |       |       |       |
| No Impact<br>Sea Cond. All Clear |  | Marginal Impact<br>Sea Cond. Caution  |       |       |       | Significant Impact<br>Sea Cond. Danger   |       |       |       | C=Ceiling V=Visibility P=Precipitation W=Wind VC=Vicinity TS=Thunderstorm T=Temp FL=Flooding  |       |       |       |   |       |       |       |



# TYPHOON 14W (KAI-TAK)

## WARNING #14



TYPHOON 14W (KAI-TAK) WARNING #14  
WTPN31 PGTW 152100  
151800Z POSIT: NEAR 18.7N 118.4E  
MOVING 275 DEGREES TRUE AT 11 KNOTS  
MAXIMUM SIGNIFICANT WAVE HEIGHT: 23 FEET  
15/18Z, WINDS 065 KTS, GUSTS TO 080 KTS  
16/06Z, WINDS 070 KTS, GUSTS TO 085 KTS  
16/18Z, WINDS 075 KTS, GUSTS TO 090 KTS  
17/06Z, WINDS 055 KTS, GUSTS TO 070 KTS  
17/18Z, WINDS 040 KTS, GUSTS TO 050 KTS  
18/18Z, WINDS 020 KTS, GUSTS TO 030 KTS

| CPA TO:   | NM  | DTG    |
|-----------|-----|--------|
| HONG_KONG | 114 | 16/17Z |
| DA_NANG   | 349 | 17/07Z |
| HANOI     | 107 | 18/10Z |

| BEARING AND DISTANCE | DIR | DIST<br>(NM) | TAU<br>(HRS) |
|----------------------|-----|--------------|--------------|
| DA_NANG              | 045 | 392          | 24           |
| HONG_KONG            | 209 | 116          | 24           |
| DA_NANG              | 002 | 372          | 48           |
| HANOI                | 063 | 162          | 48           |
| HONG_KONG            | 270 | 317          | 48           |
| HANOI                | 344 | 119          | 72           |

◇ LESS THAN 34 KNOTS  
◉ 34-63 KNOTS  
⦿ MORE THAN 63 KNOTS  
PAST 6 HOURLY CYCLONE POSITS IN BLACK  
FORECAST CYCLONE POSITS IN COLOR

Typhoon 14W (Kai-Tak) at 15/2100Z (16/0600 JST) was located near 19.0N 117.8E, approximately 320 NM northwest of Manila, Philippines and 700 NM southwest of Okinawa. TY 14W currently has winds sustained at 65 knots with gusts to 80 knots and has tracked west at 11 knots over the last six hours. The Joint Typhoon Warning Center (JTWC) has 14W forecasted to continue tracking west-northwest away from Luzon and toward China over the next 24-36 hours. While 14W is moving away from the Philippines, Luzon will continue to experience storm outflow through today providing gusty winds, isolated thunderstorms, light to moderate rain showers, potential flash-flooding and mudslides, and high seas/surf on the western coastline. 14W is expected to make landfall in China by Friday afternoon. 14W is not expected to impact Okinawa or Iwakuni. Maritime operations in the vicinity of 14W will be impacted due to high seas, strong winds, and thunderstorms. Maximum significant wave height at 15/1800Z (16/0300 JST) was 23 feet.



# JMA TRACK FOR TYPHOON 14W (KAI-TAK)



Area of 50kt winds or more

Area of 30kt winds or more

Storm warning area

70% Probability circle  
of center position forecast



# AOR 48-HOUR FORECASTS

## IWAKUNI, JAPAN

Thu-16 Aug



High: 84°F

Low: 78°F

Mostly cloudy

Fri-17 Aug



High: 85°F

Low: 78°F

Mostly cloudy

## YOKOTA, JAPAN

Thu-16 Aug



High: 89°F

Low: 77°F

Partly cloudy

Fri-17 Aug



High: 88°F

Low: 77°F

Partly cloudy

## CAMP MUJUK, KOREA

Thu-16 Aug



High: 86°F

Low: 73°F

Mostly cloudy w/ isolated  
rain showers

Fri-17 Aug



High: 85°F

Low: 73°F

Mostly cloudy w/ rain  
showers

## CLARK INT'L, PHILIPPINES

Thu-16 Aug



High: 88°F

Low: 73°F

Mostly cloudy w/ rain  
showers

Fri-17 Aug



High: 89°F

Low: 72°F

Mostly cloudy

## ANDERSEN AFB, GUAM

Thu-16 Aug



High: 86°F

Low: 76°F

Mostly cloudy w/ rain  
showers

Fri-17 Aug



High: 87°F

Low: 76°F

Mostly cloudy w/ rain  
showers

## DARWIN, AUSTRALIA

Thu-16 Aug



High: 84°F

Low: 66°F

Partly cloudy

Fri-17 Aug



High: 86°F

Low: 67°F

Partly cloudy